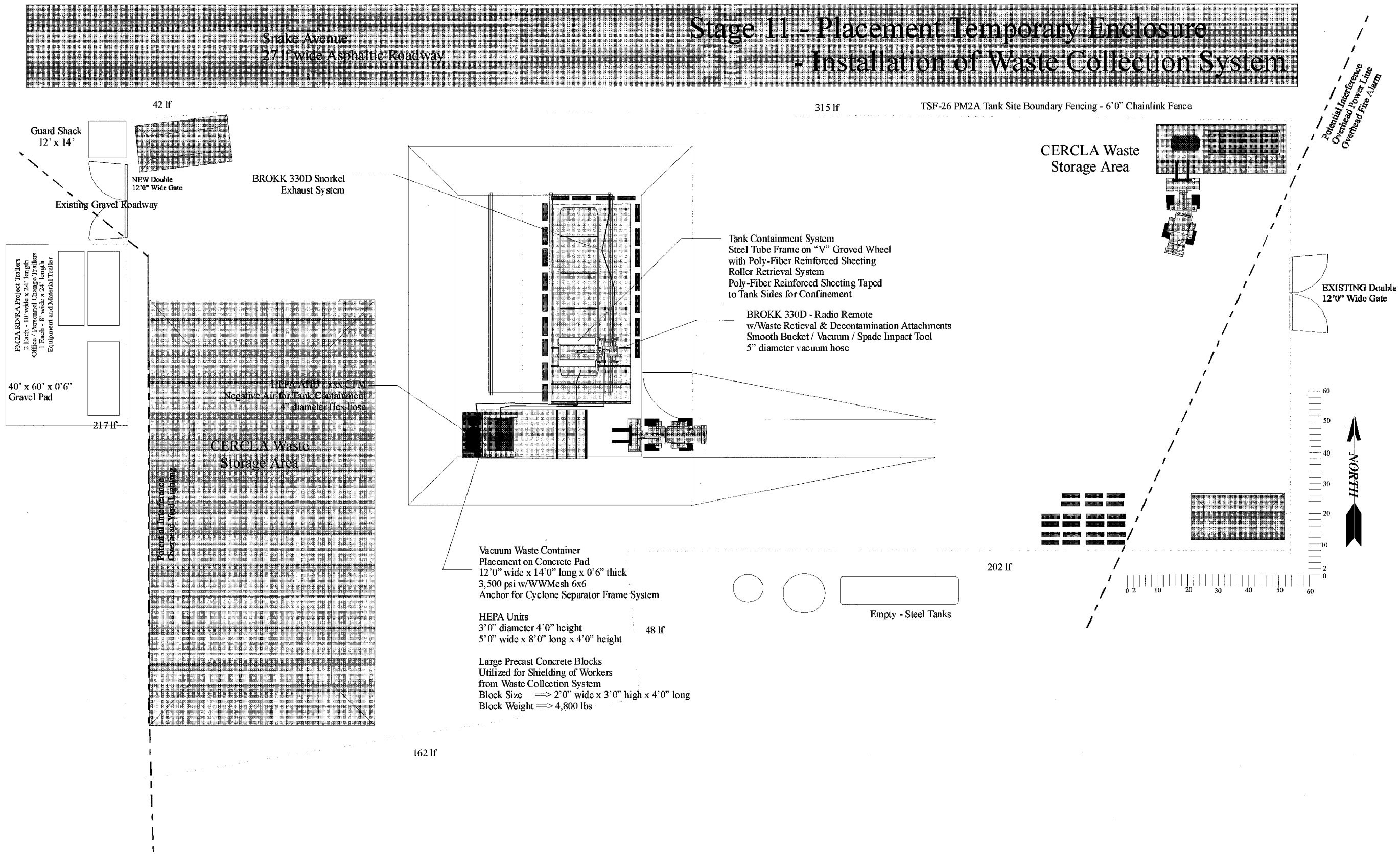
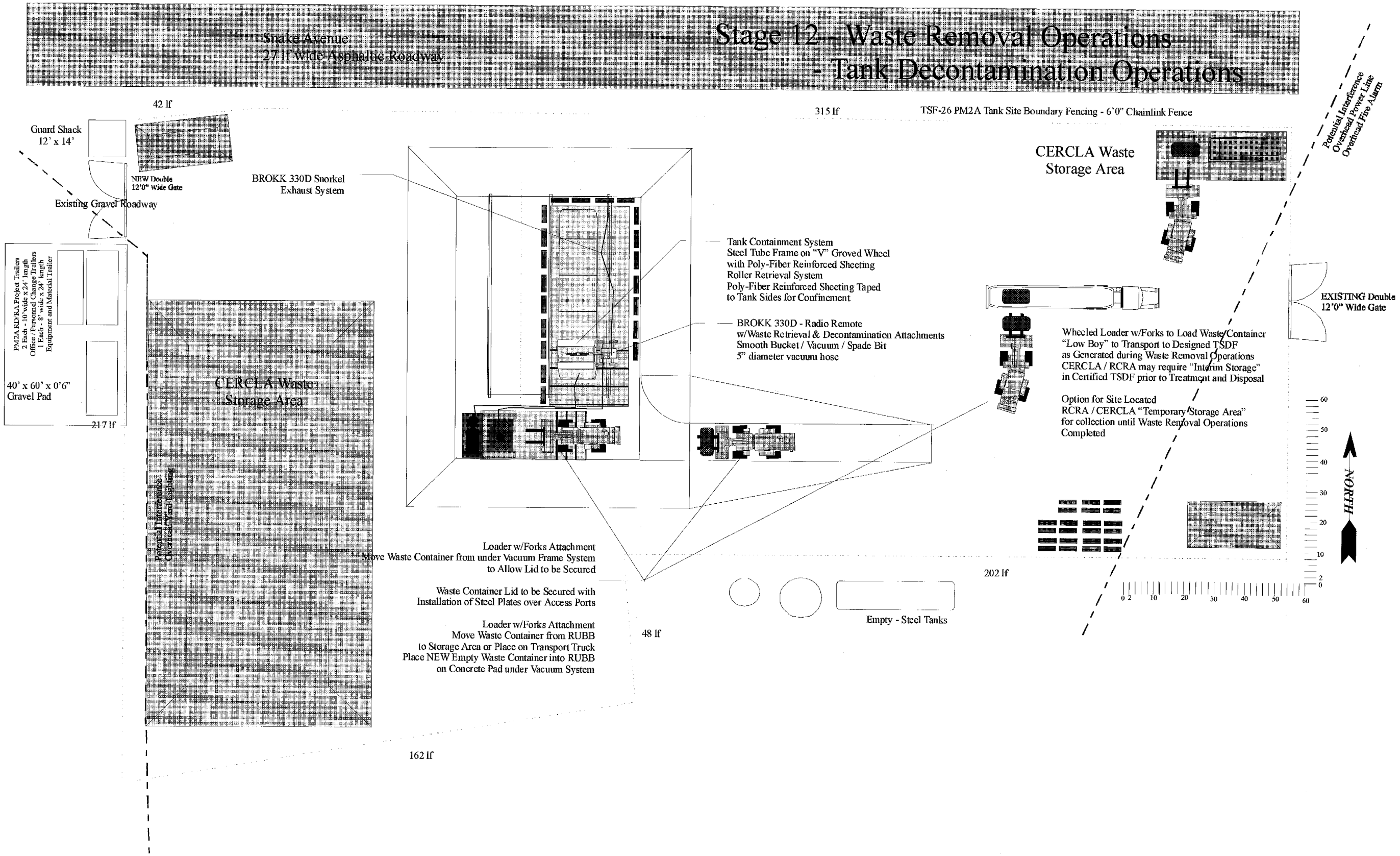
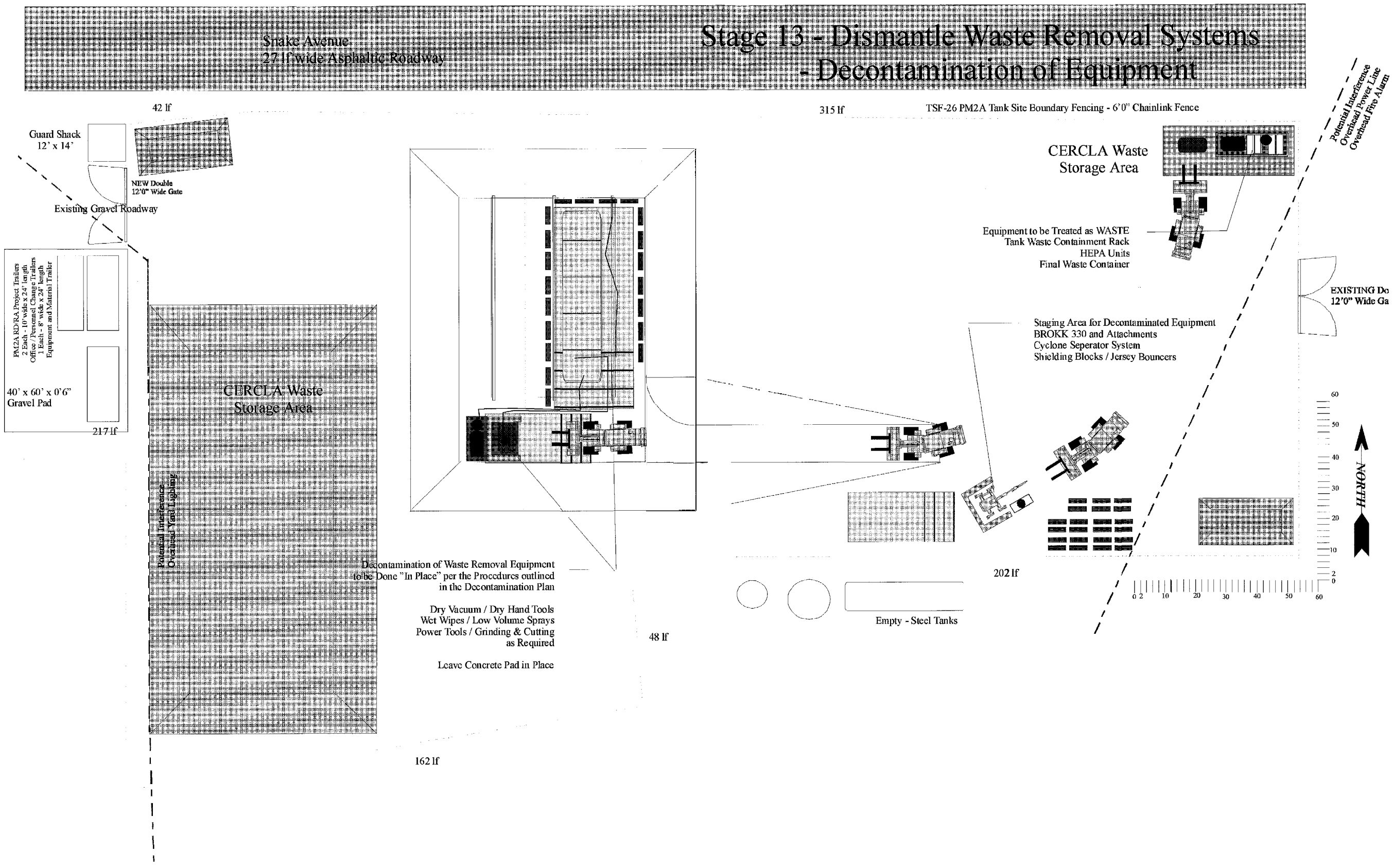
# Stage 11 - Placement Temporary Enclosure - Installation of Waste Collection System



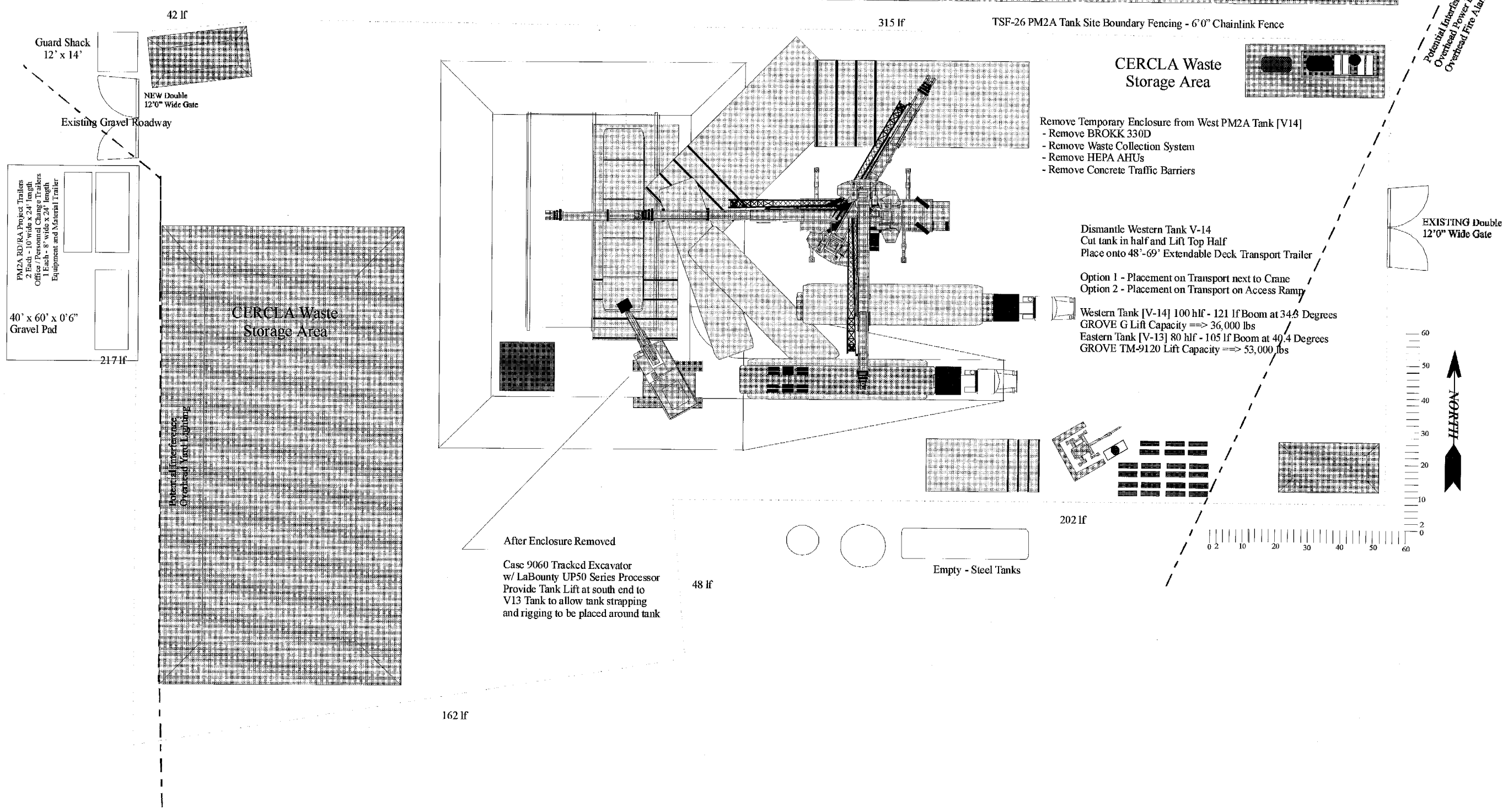
# Stage 12 - Waste Removal Operations - Tank Decontamination Operations



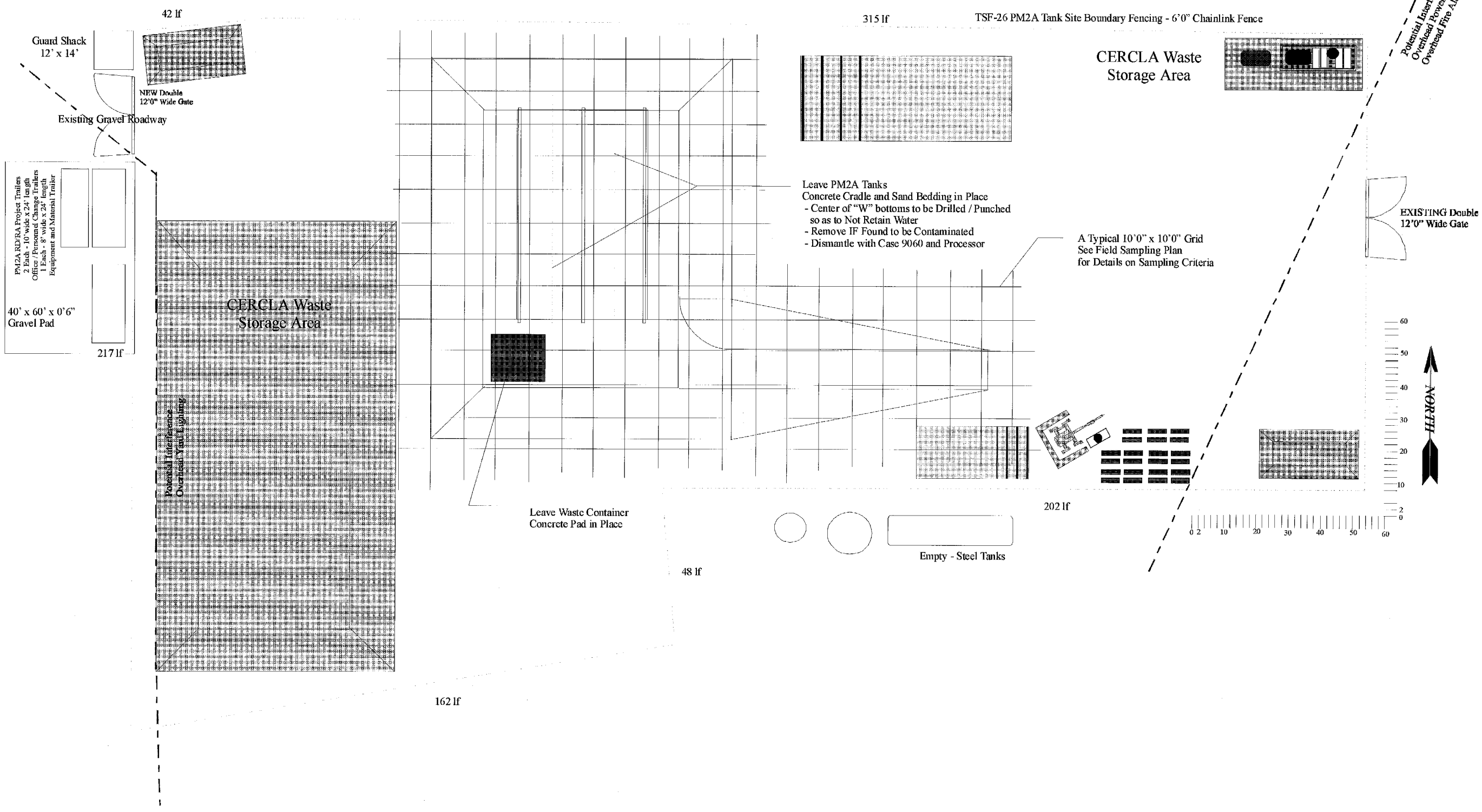
# Stage 13 - Dismantle Waste Removal Systems - Decontamination of Equipment



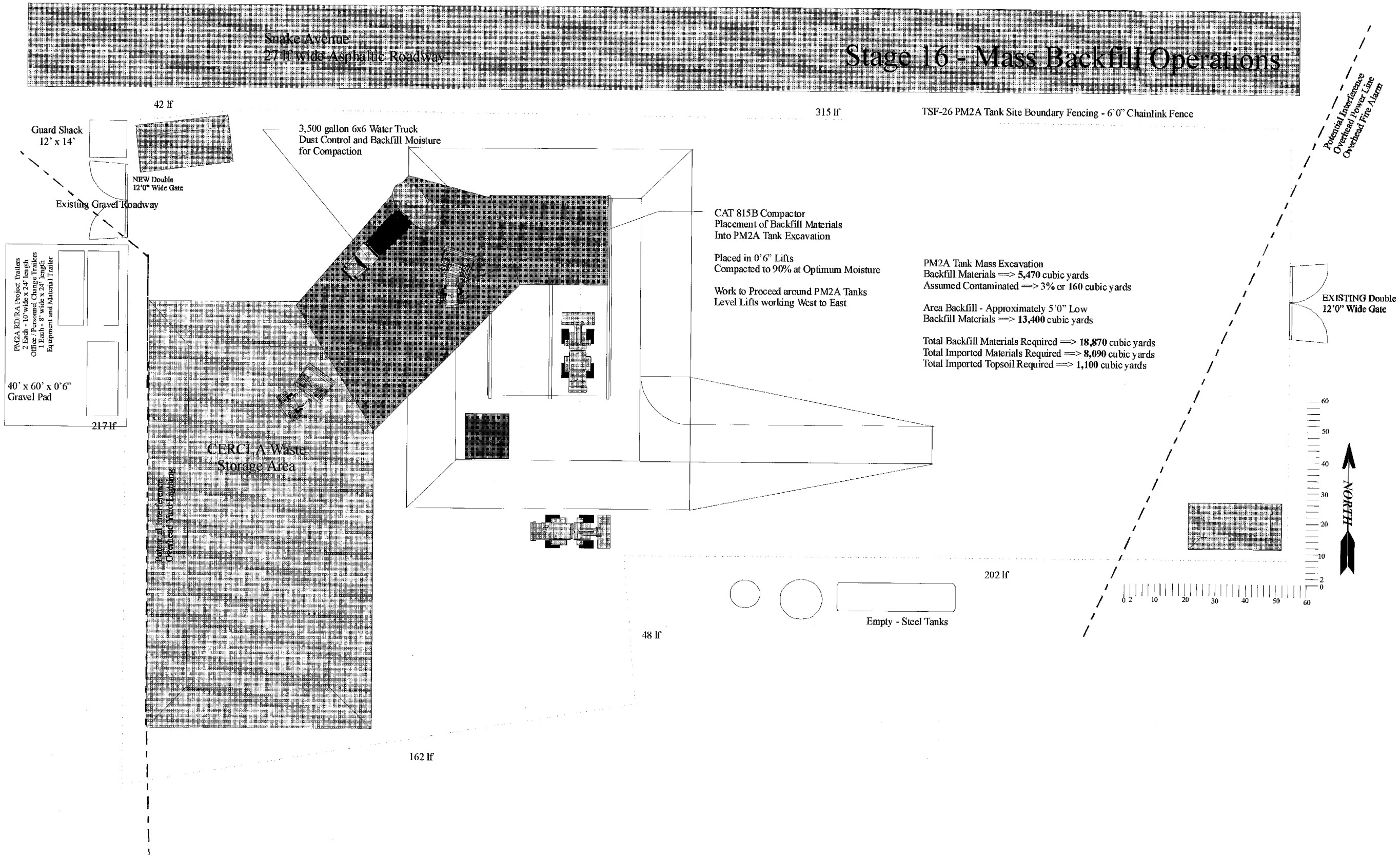
# Stage 14 - Removal of Temporary Enclosure - Tank Dismantlement / Sizing



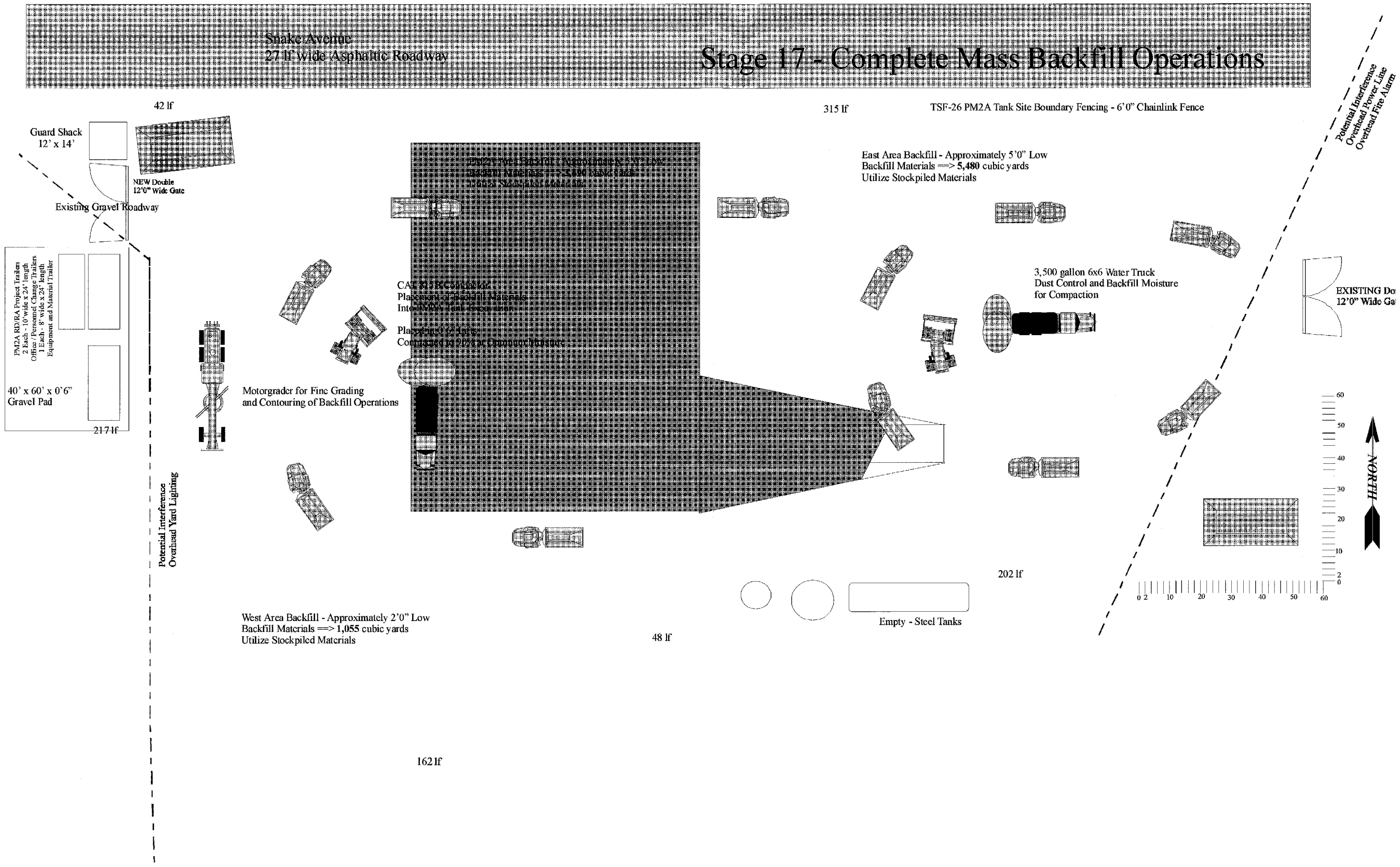
# Stage 15 - Area Ready for FINAL Sampling
# - Area Ready for FINAL Cleanup



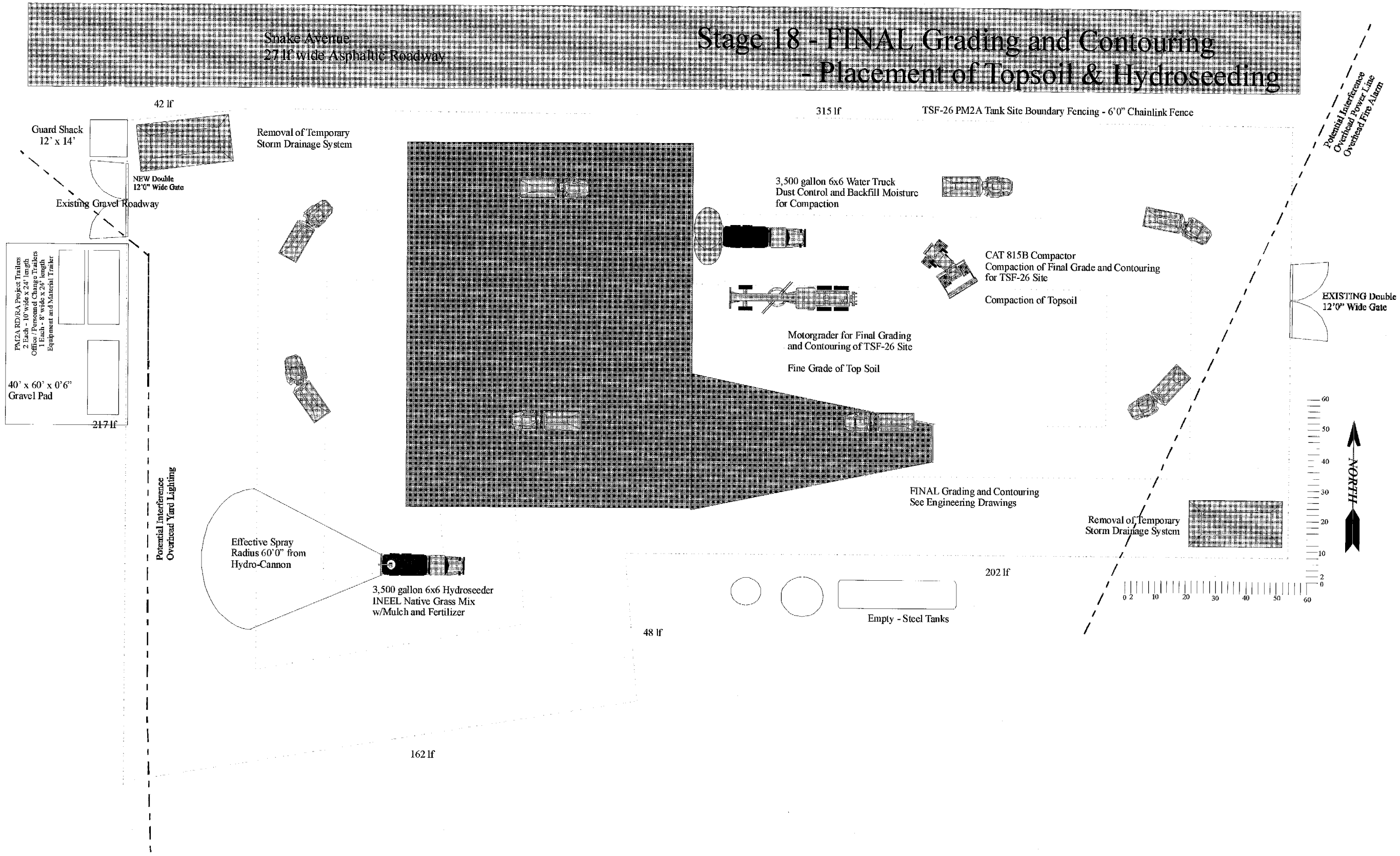
# Stage 16 - Mass Backfill Operations

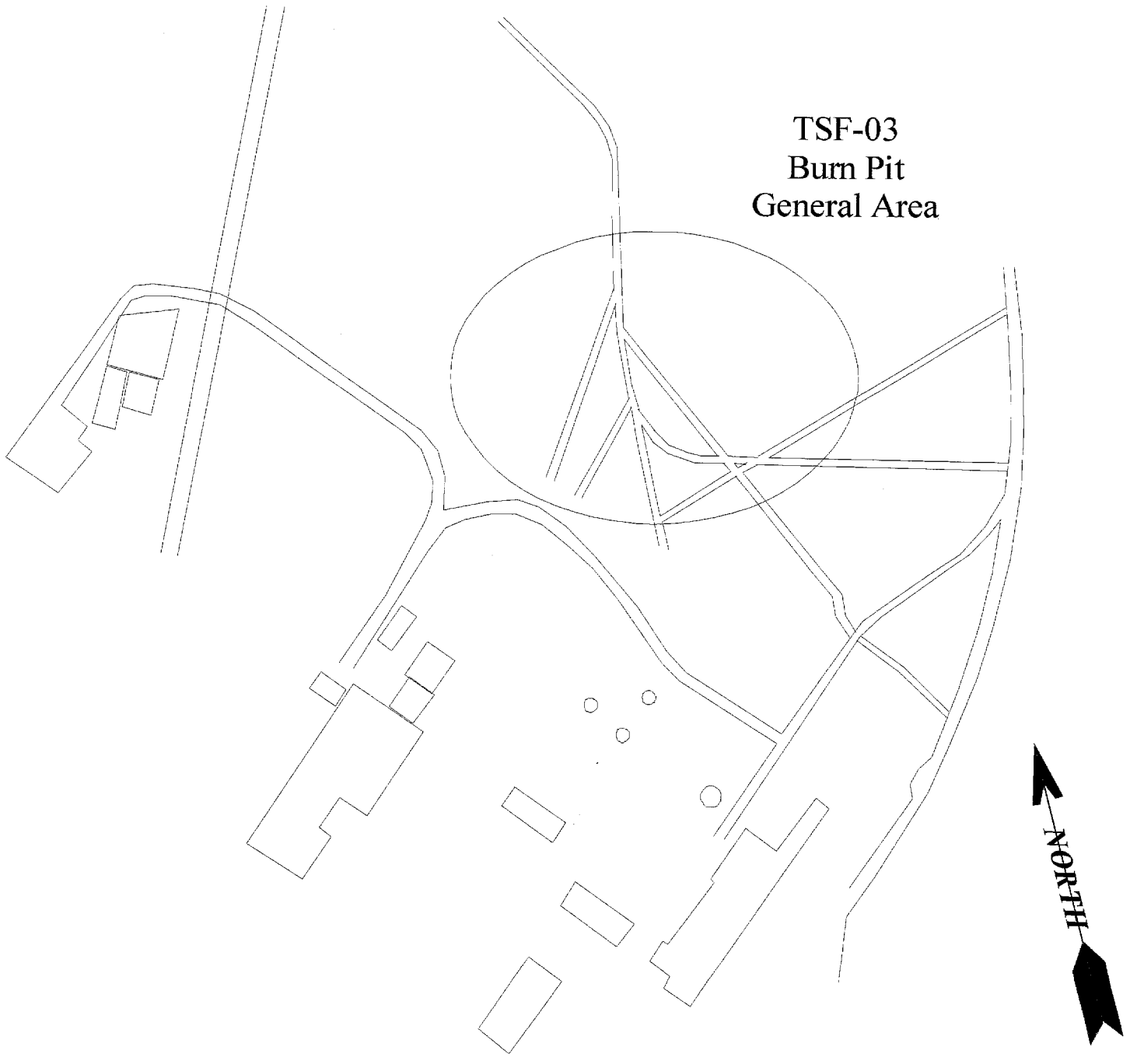


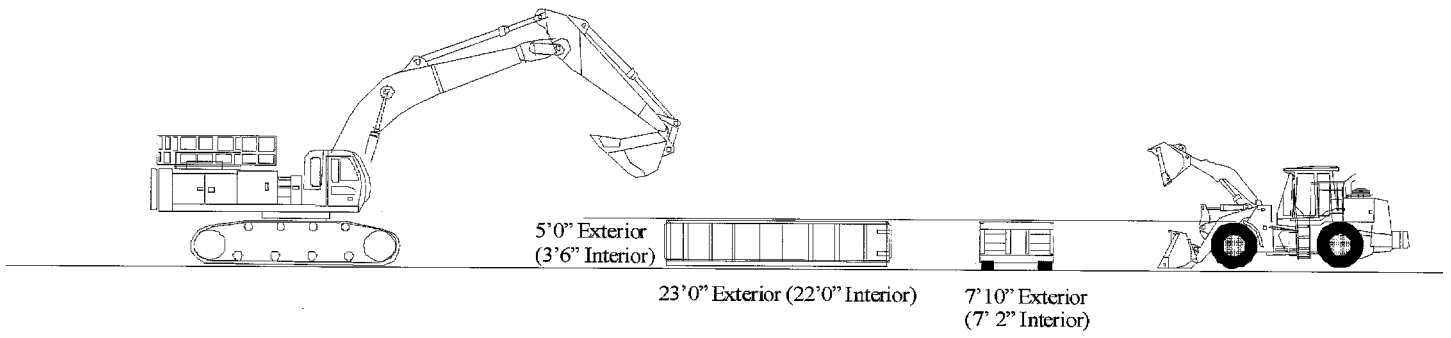
# Stage 17 - Complete Mass Backfill Operations



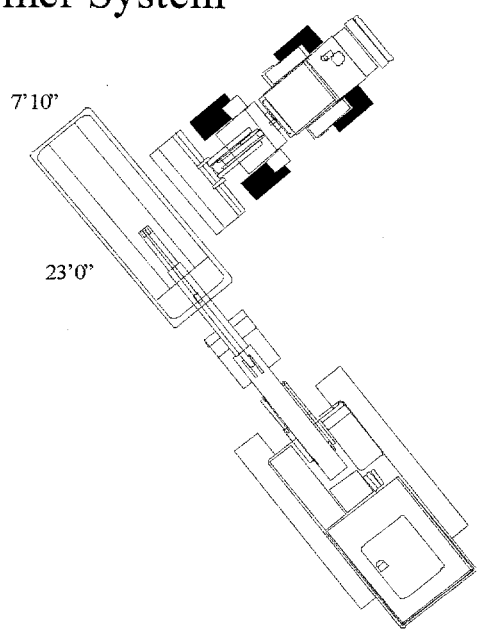
# Stage 18 - FINAL Grading and Contouring - Placement of Topsoil & Hydroseeding

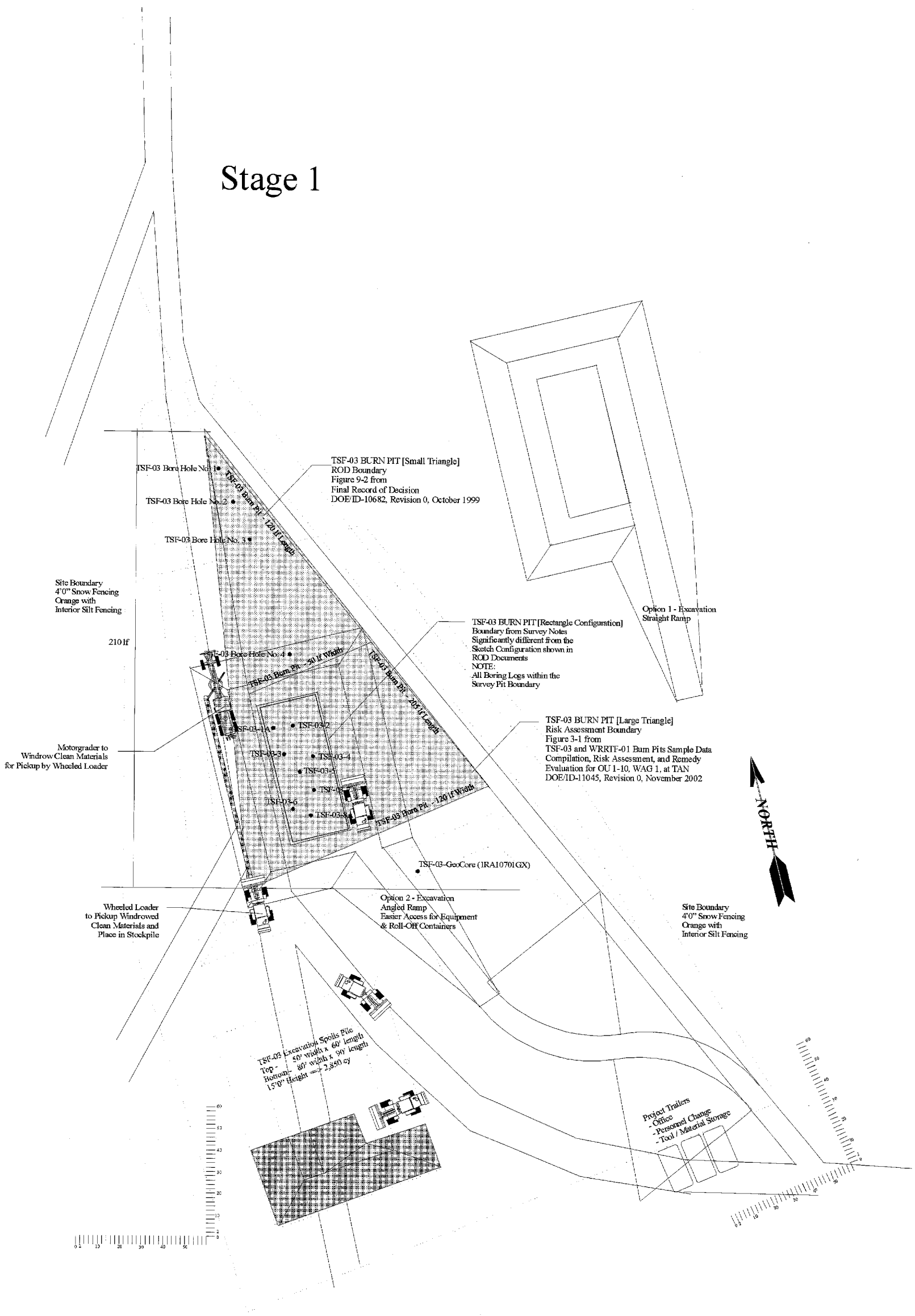


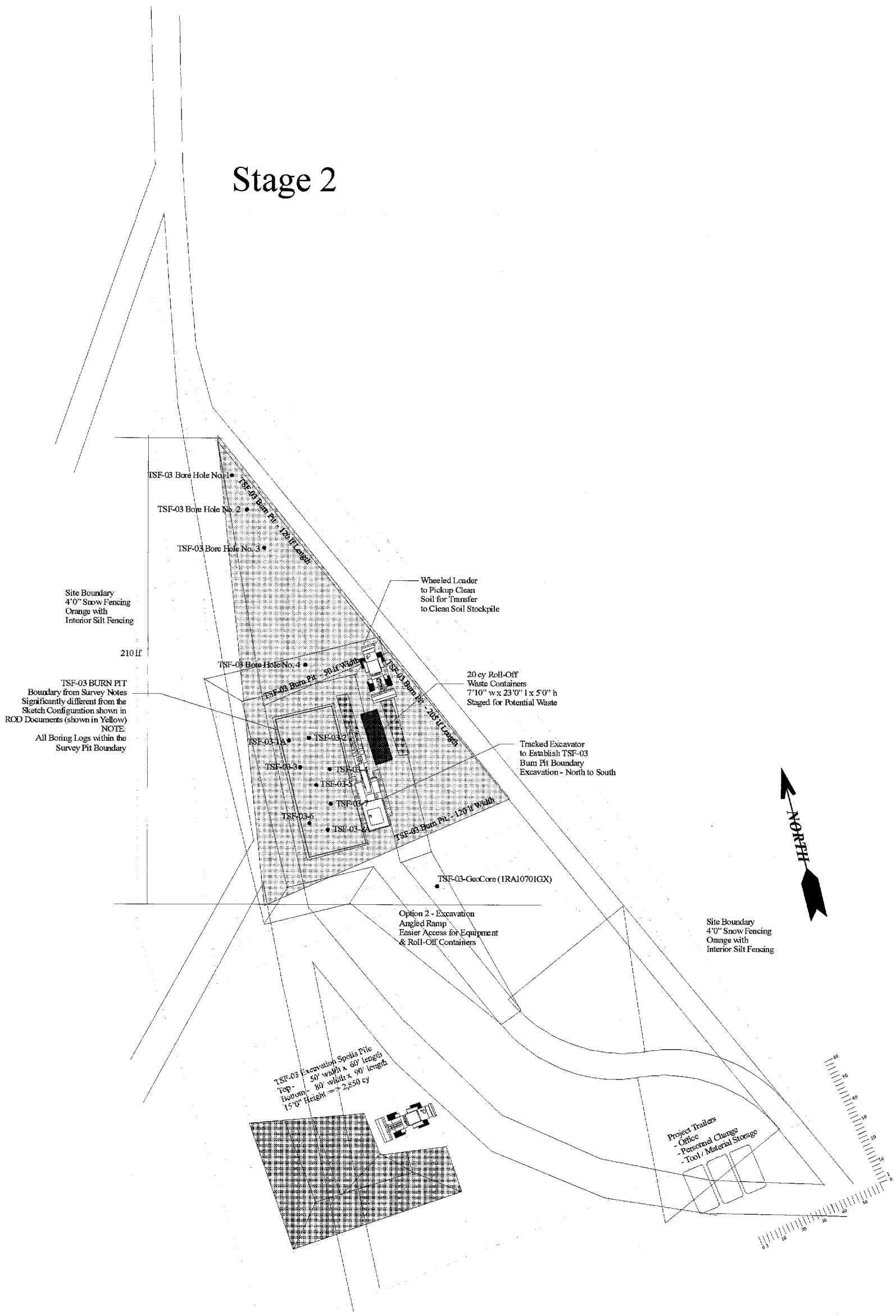


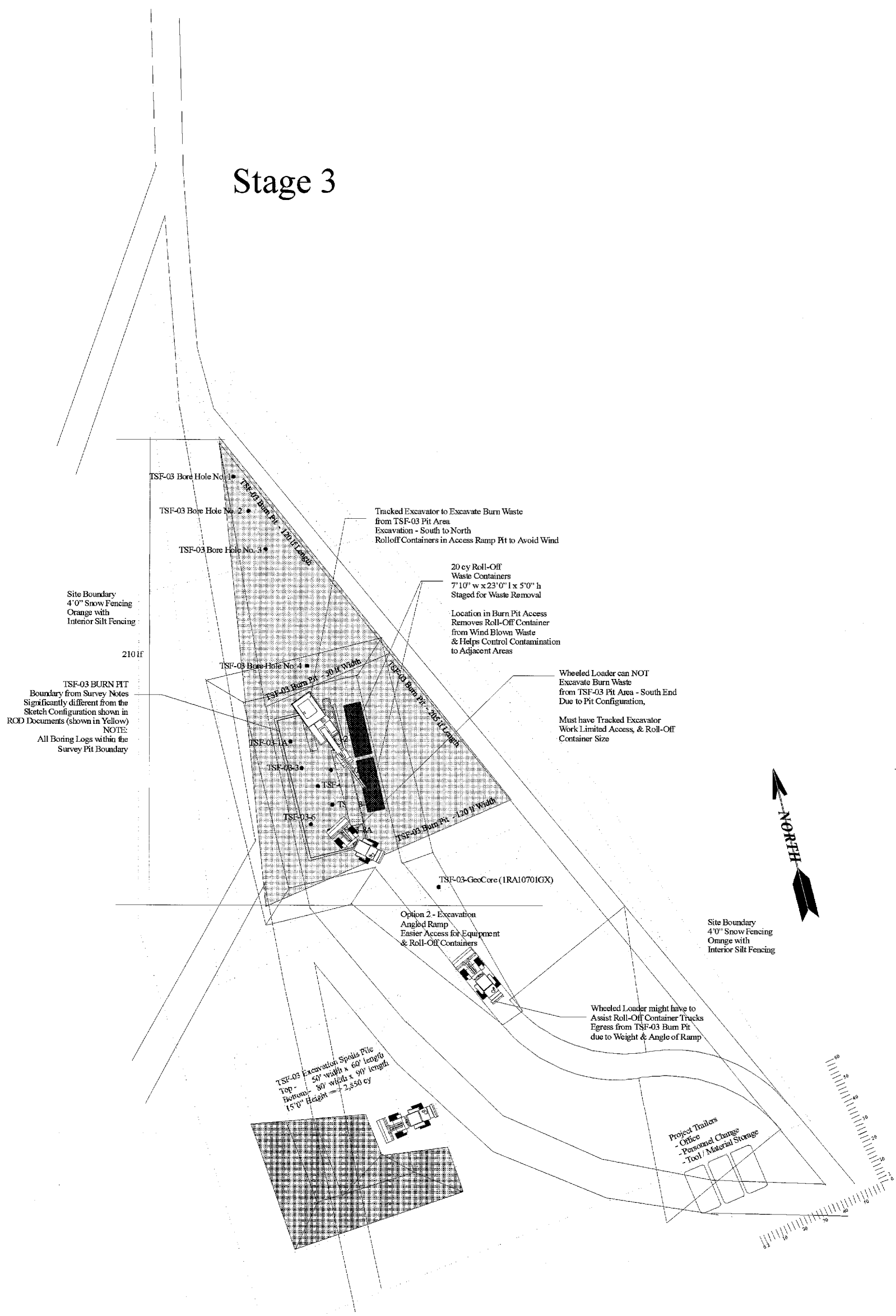




20 cy Roll-Off Waste Container
with "Burrito Bag" Sealable Liner System
Loading Configurations
- Wheeled Loader
- Tracked Excavator

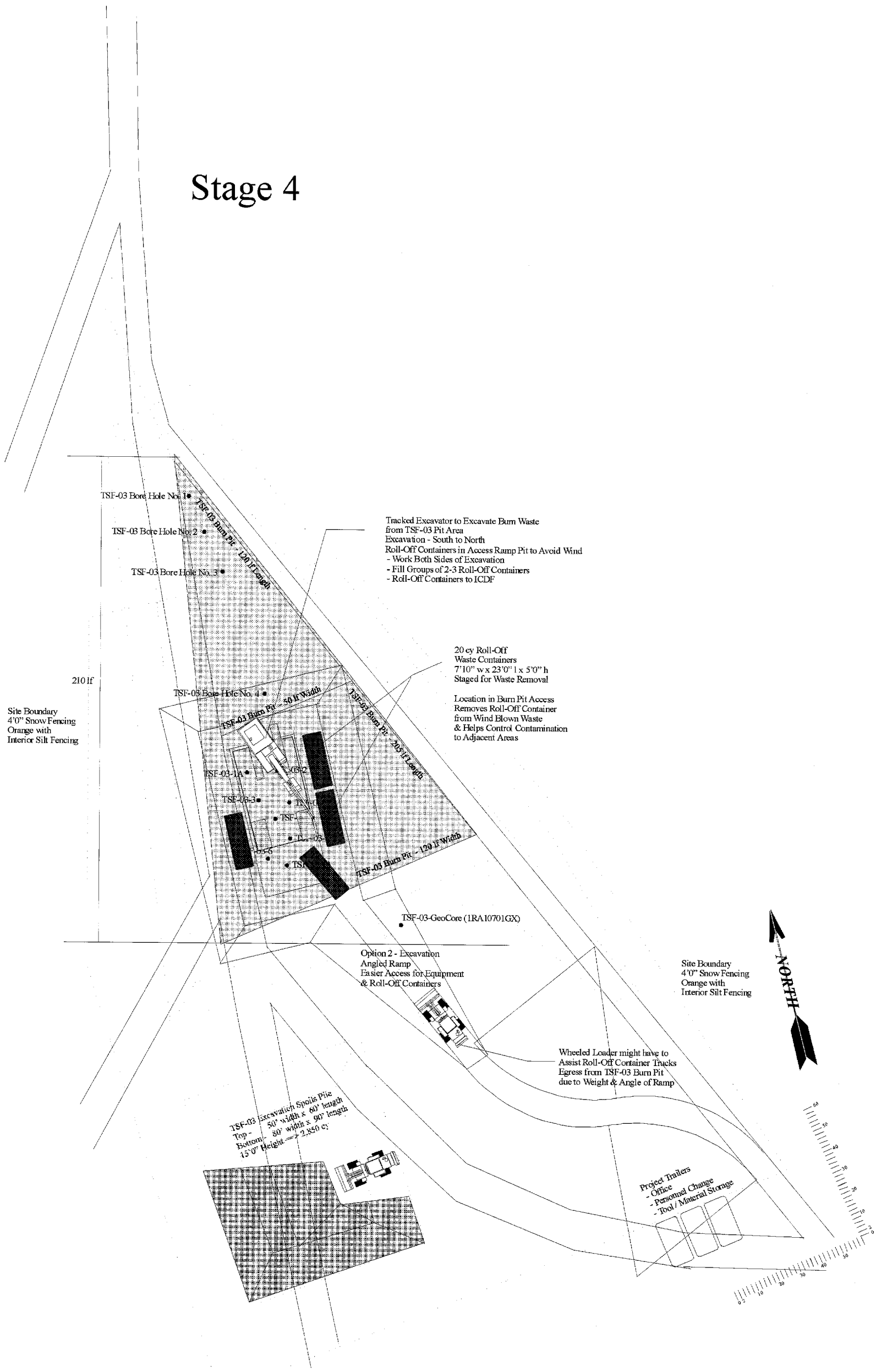



Stage 1
TSF-03 Bore Hole No. 1
TSF-03 Bore Hole No. 2
TSF-03 Bore Hole No. 3
TSF-03 Bore Hole No. 4
TSF-03 Burn Pit - 120 lf Length
TSF-03 Burn Pit - 50 lf Width
TSF-03 Burn Pit - 205 lf Length
TSF-03 Burn Pit - 120 lf Width
TSF-03 BURN PIT [Small Triangle]
ROD Boundary
Figure 9-2 from
Final Record of Decision
DOE/ID-10682, Revision 0, October 1999
Site Boundary
4'0" Snow Fencing
Orange with
Interior Silt Fencing
210 lf
TSF-03 BURN PIT [Rectangle Configuration]
Boundary from Survey Notes
Significantly different from the
Sketch Configuration shown in
ROD Documents
NOTE:
All Boring Logs within the
Survey Pit Boundary
Option 1 - Excavation
Straight Ramp
TSF-03 BURN PIT [Large Triangle]
Risk Assessment Boundary
Figure 3-1 from
TSF-03 and WRRTF-01 Burn Pits Sample Data
Compilation, Risk Assessment, and Remedy
Evaluation for OU 1-10, WAG 1, at TAN
DOE/ID-11045, Revision 0, November 2002
Motorgrader to
Windrow Clean Materials
for Pickup by Wheeled Loader
TSF-03-1A
TSF-03-2
TSF-03-3
TSF-03-4
TSF-03-5
TSF-03-6
TSF-03-7
TSF-03-8
TSF-03-GeoCore (1RA10701GX)
NORTH
Wheeled Loader
to Pickup Windrowed
Clean Materials and
Place in Stockpile
Option 2 - Excavation
Angled Ramp
Easier Access for Equipment
& Roll-Off Containers
Site Boundary
4'0" Snow Fencing
Orange with
Interior Silt Fencing
TSF-03 Excavation Spoils Pile
Top - 50' width x 60' length
Bottom - 80' width x 90' length
15'0" Height => 2,850 cy
Project Trailers
- Office
- Personnel Change
- Tool / Material Storage

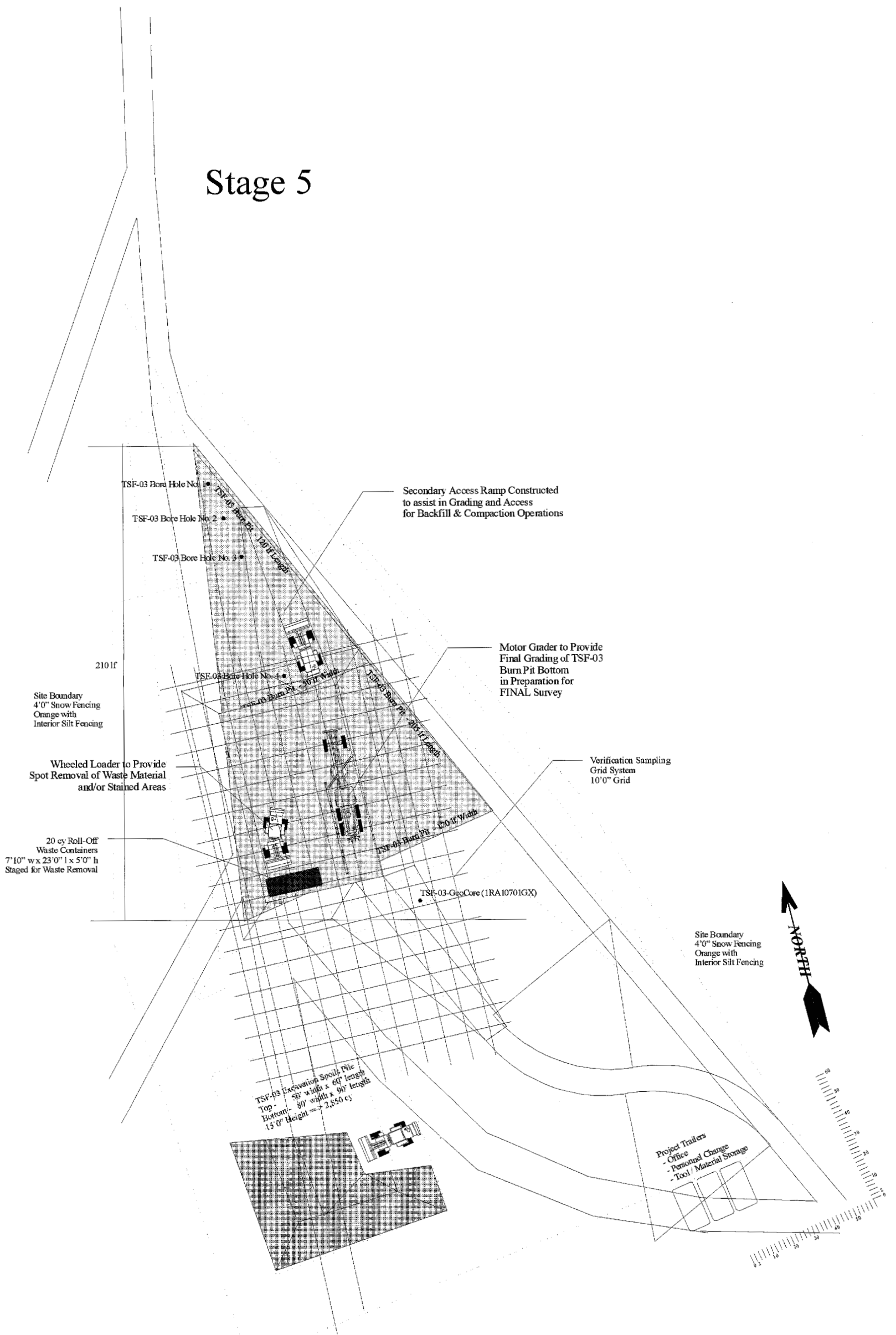

Stage 2
TSF-03 Bore Hole No. 1
TSF-03 Bore Hole No. 2
TSF-03 Bore Hole No. 3
TSF-03 Burn Pit - 120 lf Length
Site Boundary
4'0" Snow Fencing
Orange with
Interior Silt Fencing
210 lf
Wheeled Loader
to Pickup Clean
Soil for Transfer
to Clean Soil Stockpile
TSF-03 Bore Hole No. 4
TSF-03 Burn Pit - 50 lf Width
TSF-03 Burn Pit - 205 lf Length
20 cy Roll-Off
Waste Containers
7'10" w x 23'0" l x 5'0" h
Staged for Potential Waste
TSF-03 BURN PIT
Boundary from Survey Notes
Significantly different from the
Sketch Configuration shown in
ROD Documents (shown in Yellow)
NOTE:
All Boring Logs within the
Survey Pit Boundary
TSF-03-1A
TSF-03-2
TSF-03-3
TSF-03-4
TSF-03-5
TSF-03-6
TSF-03-7
TSF-03-8A
Tracked Excavator
to Establish TSF-03
Burn Pit Boundary
Excavation - North to South
TSF-03 Burn Pit - 120 lf Width
NORTH
TSF-03-GeoCore (1RA1070IGX)
Option 2 - Excavation
Angled Ramp
Easier Access for Equipment
& Roll-Off Containers
Site Boundary
4'0" Snow Fencing
Orange with
Interior Silt Fencing
TSF-03 Excavation Spoils Pile
Top - 50' width x 60' length
Bottom - 80' width x 90' length
15'0" Height => 2,850 cy
Project Trailers
- Office
- Personnel Change
- Tool / Material Storage


Stage 3
TSF-03 Bore Hole No. 1
TSF-03 Burn Pit - 120 lf Length
TSF-03 Bore Hole No. 2
TSF-03 Bore Hole No. 3
Tracked Excavator to Excavate Burn Waste
from TSF-03 Pit Area
Excavation - South to North
Rolloff Containers in Access Ramp Pit to Avoid Wind
20 cy Roll-Off
Waste Containers
7'10" w x 23'0" l x 5'0" h
Staged for Waste Removal
Location in Burn Pit Access
Removes Roll-Off Container
from Wind Blown Waste
& Helps Control Contamination
to Adjacent Areas
Site Boundary
4'0" Snow Fencing
Orange with
Interior Silt Fencing
210 lf
TSF-03 Bore Hole No. 4
TSF-03 Burn Pit - 90 lf Width
TSF-03 Burn Pit - 205 lf Length
Wheeled Loader can NOT
Excavate Burn Waste
from TSF-03 Pit Area - South End
Due to Pit Configuration,
Must have Tracked Excavator
Work Limited Access, & Roll-Off
Container Size
TSF-03 BURN PIT
Boundary from Survey Notes
Significantly different from the
Sketch Configuration shown in
ROD Documents (shown in Yellow)
NOTE:
All Boring Logs within the
Survey Pit Boundary
TSF-03-1A
TSF-03-3
TSF-4
TSF-03-5
TSF-03 Burn Pit - 120 lf Width
NORTH
TSF-03-GeoCore (1RA10701GX)
Option 2 - Excavation
Angled Ramp
Easier Access for Equipment
& Roll-Off Containers
Site Boundary
4'0" Snow Fencing
Orange with
Interior Silt Fencing
Wheeled Loader might have to
Assist Roll-Off Container Trucks
Egress from TSF-03 Burn Pit
due to Weight & Angle of Ramp
TSF-03 Excavation Spoils Pile
Top - 50' width x 60' length
Bottom - 80' width x 90' length
15'0" Height = 2,850 cy
Project Trailers
- Office
- Personnel Change
- Tool / Material Storage

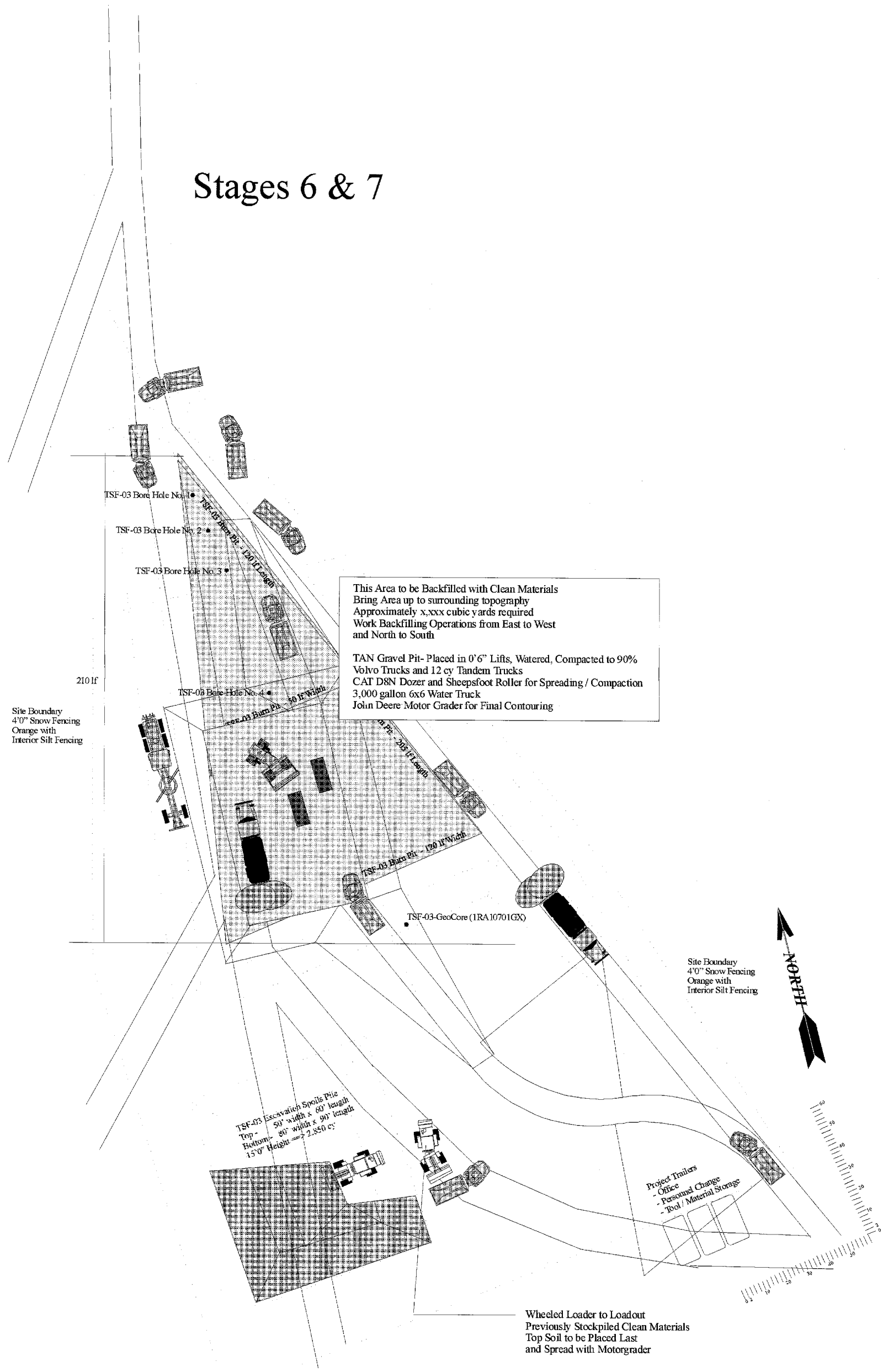
# Stage 4


TSF-03 Bore Hole No. 1
TSF-03 Bore Hole No. 2
TSF-03 Bore Hole No. 3
TSF-03 Burn Pit - 120 lf Length
Tracked Excavator to Excavate Burn Waste
from TSF-03 Pit Area
Excavation - South to North
Roll-Off Containers in Access Ramp Pit to Avoid Wind
- Work Both Sides of Excavation
- Fill Groups of 2-3 Roll-Off Containers
- Roll-Off Containers to ICDF
20 cy Roll-Off
Waste Containers
7'10" w x 23'0" l x 5'0" h
Staged for Waste Removal
Location in Burn Pit Access
Removes Roll-Off Container
from Wind Blown Waste
& Helps Control Contamination
to Adjacent Areas
210 lf
TSF-03 Bore Hole No. 4
TSF-03 Burn Pit - 50 lf Width
TSF-03 Burn Pit - 205 lf Length
Site Boundary
4'0" Snow Fencing
Orange with
Interior Silt Fencing
TSF-03-1A
TSF-03-3
TSF-03 Burn Pit - 120 lf Width
TSF-03-GeoCore (1RA10701GX)
Option 2 - Excavation
Angled Ramp
Easier Access for Equipment
& Roll-Off Containers
Site Boundary
4'0" Snow Fencing
Orange with
Interior Silt Fencing
NORTH
Wheeled Loader might have to
Assist Roll-Off Container Trucks
Egress from TSF-03 Burn Pit
due to Weight & Angle of Ramp
TSF-03 Excavation Spoils Pile
Top - 50' width x 60' length
Bottom - 80' width x 90' length
15'0" Height => 2,850 cy
Project Trailers
- Office
- Personnel Change
- Tool / Material Storage

# Stage 5


TSF-03 Bore Hole No. 1
TSF-03 Bore Hole No. 2
TSF-03 Bore Hole No. 3
TSF-03 Bore Hole No. 4
TSF-03 Burn Pit - 160 lf Length
TSF-03 Burn Pit - 50 lf Width
TSF-03 Burn Pit - 215 lf Length
TSF-03 Burn Pit - 120 lf Width
Secondary Access Ramp Constructed to assist in Grading and Access for Backfill & Compaction Operations
Motor Grader to Provide Final Grading of TSF-03 Burn Pit Bottom in Preparation for FINAL Survey
210 lf
Site Boundary 4'0" Snow Fencing Orange with Interior Silt Fencing
Wheeled Loader to Provide Spot Removal of Waste Material and/or Stained Areas
Verification Sampling Grid System 10'0" Grid
20 cy Roll-Off Waste Containers 7'10" w x 23'0" l x 5'0" h Staged for Waste Removal
TSF-03-GeoCore (1RA10701GX)
Site Boundary 4'0" Snow Fencing Orange with Interior Silt Fencing
NORTH
TSF-03 Excavation Spoils Pile
Top - 50' width x 60' length
Bottom - 80' width x 90' length
15'0" Height = 2,850 cy
Project Trailers
- Office
- Personnel Change
- Tool / Material Storage

# Stages 6 & 7


TSF-03 Bore Hole No. 1
TSF-03 Bore Hole No. 2
TSF-03 Bore Hole No. 3
TSF-03 Bore Hole No. 4
TSF-03 Burn Pit - 120 lf Length
TSF-03 Burn Pit - 50 lf Width
TSF-03 Burn Pit - 205 lf Length
TSF-03 Burn Pit - 120 lf Width
210 lf
Site Boundary
4'0" Snow Fencing
Orange with
Interior Silt Fencing
This Area to be Backfilled with Clean Materials
Bring Area up to surrounding topography
Approximately x,xxx cubic yards required
Work Backfilling Operations from East to West
and North to South
TAN Gravel Pit- Placed in 0'6" Lifts, Watered, Compacted to 90%
Volvo Trucks and 12 cy Tandem Trucks
CAT D8N Dozer and Sheepsfoot Roller for Spreading / Compaction
3,000 gallon 6x6 Water Truck
John Deere Motor Grader for Final Contouring
TSF-03-GeoCore (1RA10701GX)
Site Boundary
4'0" Snow Fencing
Orange with
Interior Silt Fencing
NORTH
TSF-03 Excavation Spoils Pile
Top - 50' width x 60' length
Bottom - 80' width x 90' length
15'0" Height => 2,850 cy
Project Trailers
- Office
- Personnel Change
- Tool / Material Storage
Wheeled Loader to Loadout
Previously Stockpiled Clean Materials
Top Soil to be Placed Last
and Spread with Motorgrader